



2633

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# RS  
8

4-23-03

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)		Application Number	09/693,709
		Filing Date	October 20, 2000
		First Named Inventor	Agazzi
		Group Art Unit	2633
		Examiner Name	unassigned
		Attorney Docket Number	13449US02
Total Number of Pages in This Submission		6	

**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO 1449 form Return-receipt post card 12 references
Remarks		APR 16 2003 Technology Center 2600

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual Name	McAndrews Held & Malloy, Ltd.		
Signature			
Date	April 9, 2003		

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on April 9, 2003.

Name (Print/type)	John A. Wiberg	Registration No. (Attorney/Agent)	44,401
Signature			Date April 9, 2003



PATENT  
Attorney Docket No. 13449US02

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

PATENT APPLICATION OF:

O.E. Agazzi

SERIAL NO.: 09/693,709

FILED: October 20, 2000

FOR: METHOD, APPARATUS AND  
SYSTEM FOR HIGH-SPEED  
TRANSMISSION ON FIBER OPTIC  
CHANNEL

GROUP ART UNIT: 2633

EXAMINER: unassigned

**CERTIFICATE OF MAILING**

I hereby certify that this  
correspondence is being deposited  
with the United States Postal  
Service as prepaid postage, first-  
class mail in an envelope addressed  
to: Commissioner for Patents,  
Washington D.C. 20231, on April 9,  
2003.

By:

John A. Wiberg  
Reg. No. 44,401  
Attorney for applicant

**INFORMATION DISCLOSURE STATEMENT**

**RECEIVED**

Commissioner for Patents  
Washington, D.C. 20231

APR 16 2003

Technology Center 2600

Sir:

Applicant submits herewith a copy of each of the following references cited for  
consideration in connection with the above application:

Other Documents (Including Author, Title, Date, Pertinent Pages, Etc.)

M. Guizani and A.R. Al-Ali, "PC-Compatible Optical Data Acquisition Unit," 1994  
Instrumentation and Measurement Technology Conference, 10-12 May 1994

N. Kanno and K. Ito, "Fiber-Optic Subcarrier Multiplexing video Transport  
Employing Multilevel QAM," IEEE Journal on Selected Areas in Communications,  
Vol. 8, No. 7, September 1990

Other Documents (Including Author, Title, Date, Pertinent Pages, Etc.)

W. Ellersick, C.K. Yang, M. Horowitz, and W. Dally, "GAD: A 12GS/s CMOS 4-bit A/D Converter for an Equalized Multi-Level Link," 1999 Symposium on VLSI Circuits

W.J. Dally and J. Poulton, "Transmitter Equalization for 4Gb/s Signalling," Proceedings of Hot Interconnects IV, Palo Alto, 1996

J.H. Winters, R.D. Gitlin, and S. Kasturia, "Reducing the Effects of Transmission Impairments in Digital Fiber Optic Systems," IEEE Communications Magazine, June 1993, pp. 68-76

S. Kasturia and J.H. Winters, "Techniques for High-Speed Implementation of Nonlinear Cancellation," IEEE Journal on Selected Areas in Communications, Vol. 9, No. 5, June 1991

B.L. Kasper, "Equalization of Multimode Optical Fiber Systems," Bell System Technical Journal, Vol. 61, No. 7, September 1982, pp. 1367

J.H. Winters and R.D. Gitlin, "Electrical Signal Processing Techniques in Long-Haul Fiber-Optic Systems," IEEE Transactions on Communications, Vol. 38, No. 9, September 1990, pp. 1439-1453

R. Mason and J.T. Taylor, "High-Speed Electro-Optic Analogue to Digital Converters," 1993 International Symposium on Circuits and Systems, 3-6 May 1993

T.E. Darcie, "Subcarrier Multiplexing for Lightwave Networks and Video Distribution Systems," IEEE Journal on Selected Areas in Communications, Vol. 8, No. 7, September 1990

J.A.C. Bingham, "Multicarrier Modulation for Data Transmission: An Idea Whose time Has Come," IEEE Communications Magazine, May 1990, pp. 5-14

R. Olshansky, V.A. Lanzisera, P.M. Hill, "Subcarrier Multiplexed Lightwave Systems for Broadband Distribution," Journal of Lightwave Technology, Vol. 7, No. 9, September 1989

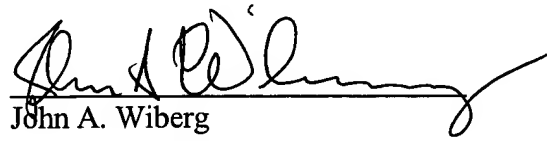
The above references are listed on the enclosed Form PTO-1449 (in duplicate)  
entitled "Information Disclosure Citation."

This Information Disclosure Statement is being submitted before the receipt of a  
first Office Action on the merits of the application.

Please charge any fees incurred in connection with this submission to Deposit  
Account No. 13-0017, in the name of McAndrews, Held & Malloy, Ltd.

Date: April 9, 2003

Respectfully submitted,



John A. Wiberg

Reg. No. 44,401

Attorney for applicants

McANDREWS, HELD & MALLOY, LTD.  
500 W. Madison, 34th Floor  
Chicago, IL 60661  
Telephone: (312) 775-8000  
Facsimile: (312) 775-8100